

CLAIMS

1. Identification device for individualizing the
identification of a personal item to be worn on a
5 person's body, comprising an image of a pressure-
distribution pattern obtained by at least one at least
two-dimensional sampling of a pressure distribution
between a part of a person's body and a substantially
solid object.
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2. Identification device as claimed in Claim 1, wherein
different high pressures are represented by area
elements that are differently colored.
- 15 3. Identification device as claimed in Claim 1, wherein
different high pressures are represented by area
elements that are shaded in different ways.
- 20 4. Identification device as claimed in Claim 1, wherein the
sampling of the pressure distribution comprises a
plurality of samplings of various pressure distributions
that occur during a movement sequence in which a contact
between the body part and the substantially solid object
is established and then abolished.
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5. Identification device as claimed in Claim 4, wherein
the pressure distributions comprise at least one of
mean and peak values obtained during the movement
sequence.
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6. Identification device as claimed in Claim 1, wherein
the image is printed on the item.
7. Identification device as claimed in Claim 1, wherein
35 the image is impressed on the item of clothing by a
thermotransfer process for reproducing patterns.

8. Application of an identification device as claimed in Claim 1 for the purpose of identifying an item of clothing, wherein the pressure-distribution pattern under a foot during walking is obtained.
9. Application of an identification device as claimed in Claim 1 for the purpose of identifying an item of clothing, wherein the pressure-distribution pattern obtained is that under the sitting surface when the person sits down.
10. Application of an identification device as claimed in Claim 1 for the purpose of identifying an item of clothing, wherein the pressure-distribution pattern obtained is that at the surface of the hand when an object is grasped.
11. Application of an identification device as claimed in Claim 1, wherein the pressure-distribution pattern is obtained from the person who uses the identification device.
12. Method of manufacturing an identification device for the individualizing identification of a personal item to be worn on a person's body, comprising the steps of measuring a pressure-distribution pattern by an at least two-dimensional sampling of a pressure distribution between a part of the person's body and a substantially solid object; storing the pressure-distribution pattern; and producing an image of the pressure-distribution pattern, in which different high pressures are represented graphically.